

**WHAT IS CLAIMED IS:**

1. An occupant determination device for a vehicle seat

comprising:

a load sensor provided at a seat body;

a controller for calculating a detection load value based on a load value output from the load sensor and determining whether an occupant seated on the vehicle seat is adult or a child based on the detected load value, wherein a hysteresis is provided for changing the occupant determination from either a child or an adult to an adult or a child.

2. An occupant determination device for a vehicle seat

comprising:

a load sensor provided at a seat body;

a controller for calculating a detection load value based on a load value output from the load sensor, the controller changing the occupant determination from a child to an adult when the detection load value exceeds a first determination threshold value while the occupant determination being a child and changing the occupant determination from an adult to a child when the detection load value becomes smaller than a second determination threshold value which is smaller than the first determination threshold value while the occupant determination being an adult.

3. An occupant determination device according to claim 2, wherein the second determination threshold value is set based on the adult posture frequently made while seating on the vehicle seat.
4. An occupant determination device according to claim 2, wherein a delay time is set for changing from either a child or an adult occupant determination to an adult or a child occupant determination.
5. An occupant determination device according to claim 3, wherein a delay time is set for changing from either a child or an adult occupant determination to an adult or a child occupant determination.
6. An occupant determination device for a vehicle seat comprising:  
a plurality of load sensors provided at a seat body;  
a controller for calculating a detection load value based on the total load value outputs from the load sensors and for determining whether an occupant seated on the vehicle seat is adult or a child based on the detection load value, wherein a hysteresis is provided for changing the occupant determination from either a child or an adult to an adult or a child.
7. An occupant determination device according to claim 6, wherein, the controller changes the occupant determination from a child to an adult when the detection load value exceeds a first determination threshold value while the occupant determination being a child and changes the

occupant determination from an adult to a child when the detection load value becomes smaller than a second determination threshold value which is smaller than the first determination threshold value while the occupant determination being an adult.